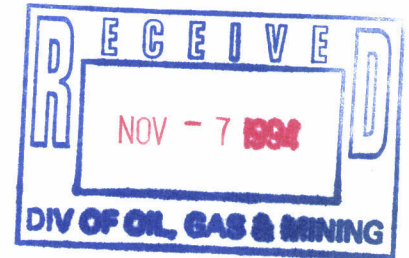


Assigned DOGM File No.: S 1231041
DOGM Lead: DWJ

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
355 West North Temple
3 Trial Center, Suite 350
Salt Lake City, Utah 84180-1203
(801) 538-5340
Fax: (801) 359-3940



NOTICE OF INTENTION TO COMMENCE SMALL MINING OPERATIONS

The informational requirements of this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1987, and the General Rules as promulgated under the Utah Minerals Regulatory Program.

"Small Mining Operations" means mining operations which disturb five or less surface acres at any given time.

I. GENERAL INFORMATION (Rule R647-3-104)

1. Name of Mine: Mammoth Mine
2. Name of Operator/Applicant: Centurion Mines Corporation
Company () Corporation (X) Partnership () Individual ()
3. Permanent Address: 331 Rio Grande St. Ste. 201
City: Salt Lake City State: UT Zip Code: 84102
Telephone Number: (801) 534-1120

4. Ownership of Land Surface:

Private (Fee) ☒ Public Domain (BLM) ☐ National Forest (USFS) ☐
State Trust Land/School Sections ☐ State Sovereign Lands ☐
Other (please describe): _____

5. Ownership of Minerals:

Private (Fee) ☒ Public Domain (BLM) ☐ National Forest (USFS) ☐
State Trust Land/School Sections ☐ State Sovereign Lands ☐
Other (please describe): _____

Utah Mining Claim Number(s): N/A

1772

100

OFFICE OF THE CLERK OF THE SUPREME COURT

IN SENATE
JANUARY 10, 1872
REPORT OF THE CLERK OF THE SUPREME COURT
FOR THE YEAR 1871

ALBANY: PUBLISHED BY THE CLERK OF THE SUPREME COURT
1872

CLERK OF THE SUPREME COURT

ALBANY

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CLERK OF THE SUPREME COURT

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☒ New Road(s): Length 240 (ft) Width 10 (ft)

☒ Improved Road(s): Length 1132 (ft) Width 10 (ft)

Total project surface acreage to be disturbed: 2.09 (acres)

Proposed startup date of project (month, year) _____

Proposed completion date of project, if known (month, year) _____

IV. OPERATION AND RECLAMATION PRACTICES (Rule R647-3-107, 108 & 109)

The reclamation and operation obligation is to keep the area clean and safe, minimize hazards to public safety, return the land to a useful condition, and reestablish at least 70 percent of the premining vegetative ground cover. To accomplish this, the operator will need to perform reclamation concurrently, or at the completion (within one (1) year) of mining:

1. Keep the mining operation in a safe, clean, and environmentally stable condition.
2. Permanently seal all shafts and tunnels to prevent unauthorized or accidental entry.
3. Plug drill holes with a five foot cement surface plug. Holes that encounter fluids are to be plugged in the subsurface to prevent aquifer contamination.
4. Construct berms, fences, or barriers, when needed, above highwalls and excavations.
5. Remove, isolate, or neutralize all toxic materials in a manner compatible with federal and state regulations.
6. Remove all waste or debris from stream channels.
7. Dispose of any trash, scrap metal, wood, machinery, and buildings.
8. Conduct mining activities so as to minimize erosion and control sediment.
9. Reclaim all roads that are not part of a permanent transportation system.
10. Stockpile topsoil and suitable overburden prior to mining.
11. Stabilize highwalls by backfilling or rounding to 45 degrees or less, where feasible; reshape the land to near its original contour, and redistribute the topsoil and suitable overburden.
12. Properly prepare seedbed to a depth of six inches by ripping, discing, or harrowing.
13. Reseed disturbed areas with adaptable species. (The Division recommends seeding 20 lbs./acre of native and introduced species of grass, forb, and browse seed, and will provide a specific species list if requested.)
14. Plant the seed with a rangeland or farm drill, or if broadcast seeded, harrow or rake the seed 1/4-1/2 inch into the soil - fall is the preferred time to seed.

V. VARIANCE REQUEST (Rule R647-3-110)Yes ☒ No ☐

Any planned deviations from Rules R647-3-107, Operation Practices, R647-3-108, Hole Plugging Requirements, or R647-3-109, Reclamation Practices, as summarized above, should be identified below and justification given for the variance request(s).

<u>Item Number</u>	<u>Variance Request Justification</u>
_____	_____
_____	See attached sheet - EXHIBIT B
_____	_____
_____	_____

VI. SIGNATURE REQUIREMENT

I hereby commit to conduct mining operations and to reclaim the aforementioned small mine as required by the Utah Mined Land Reclamation Act (40-8) and the rules as specified by the Board of Oil, Gas and Mining.

Signature of Operator/Applicant: _____
Name (typed or printed): _____
Title/Position (if applicable): _____
Date: _____

EXHIBIT A

III. OPERATION PLAN (Rule R647-3-106)

- 3. Centurion Mines Corporation proposes to conduct an underground mining operation at the Mammoth Mine. Operations are planned to recover high-grade mine pillars and explore and develop additional high-grade orebodies in the upper mine levels. The existing mine adits will be used for underground access to both explore and develop the orebodies in the Mammoth Mine. A surface building complex from previous mining operations at this site exists, and part of the existing building complex will be utilized for proposed operations. Two houses will be renovated and used for crew quarters. The existing garage, mine dry, and shop will be used. A mine office is also located at this property, and will be used by Centurion staff for all work in the Tintic District. The above outlined surface facilities will also be utilized to conduct all of Centurion's future district exploration and mine development in terms of office space, housing, and supply storage. All ores mined from the Mammoth property will be crushed, screened, and direct shipped to a smelter. Centurion Mines Corporation currently does not plan on concentrating or upgrading any mined ores onsite at this time.**

(See accompanying map and photographs)

EXHIBIT B - Page 1

V. VARIANCE REQUEST (Rule R647-3-110)

Variances from Rule R647-3-107: Operation Practices

- 1.11) The Mammoth Mine started production in 1870 utilizing both surface open cuts, a shaft, and adits at various elevations. Centurion Mines Corporation does not plan to close any of these previously developed old mine working at the cessation of their proposed operation at the Mammoth Mine. Current development plans call for the utilization of existing adits to gain access to the ore located in this mine. Upon the conclusion of this project, Centurion does agree to secure (with a locked gate) the adits that Centurion used for mining and development.
- 1.12) Existing buildings at the Mammoth Mine complex will not be removed upon mine closure. These buildings will be used to conduct exploration and mine development at the Mammoth Mine while it is in production, and will also be utilized as a base of operations for all of Centurion's work on other properties located in the Tintic district and adjacent areas. After production at the Mammoth Mine has ceased, Centurion anticipates ongoing exploration and development of other parts of the Tintic district. Thus the buildings at the Mammoth site will still be used by Centurion after the Mammoth Mine operation has ended. Specific buildings that Centurion plans for its operations at the Mammoth Mine are outlined in number 11.
- 3) Appropriate erosion control measures will be implemented as required at the planned site of surface disturbance. The two main drainage systems bypass the general areas where Centurion has planned to stockpile mined ore and store mine supplies. Erosion controls will be placed, as needed, around these two areas. The controls will consist of a berm constructed around these areas, and possibly a small sediment control basin on the down-slope side of each of these areas, if required.
- 4) Centurion Mines Corporation has not identified any pre-existing deleterious materials on site. Any deleterious materials that Centurion may bring on site will be removed on cessation of their activities in Tintic.
- 5) Previous old mine operations have removed, damaged, or covered any historic soil horizon that existed in the area of our proposed operations. No suitable soil horizons exist in the area that will potentially be disturbed, so Centurion asks for a variance from stockpiling and storing soils for any future reclamation.

EXHIBIT B - Page 2

Variances from R647-3-109: Reclamation Practices:

- 1.11) Existing adits are the only proposed surface openings that will be utilized for the proposed operations. These adits will be secured with a suitable locked gate to deny access to unauthorized personnel at the time of mine closure. Securing of other previously old mined open cuts, tunnels, shafts or audits will not be undertaken by Centurion.
- 1.12) Existing buildings at the Mammoth Mine complex will not be removed upon mine closure. These buildings will be used to conduct exploration and mine development at the Mammoth Mine while it is in production, and will also be utilized as a base of operations for all of Centurion's work on all of Centurion's other properties located in the Tintic district and adjacent areas. Specific buildings that Centurion plans for its operations at the Mammoth Mine are outlined in part 11.
- 1.15) Centurion's proposed plan of operations will not produce any new openings or high walls. Centurion requests that it not be held responsible to fence, or construct beams or barriers around any old previously disturbed areas.
- 2 & 3) No natural drainage channels are expected to be impacted by the current proposed plan of operations at the Mammoth Mine site.
- 4) Centurion Mines Corporation has not identified any pre-existing deleterious materials on site. Any deleterious materials that Centurion may bring on site will be removed on cessation of their activities in Tintic.
- 5) Since 1870 the historic land use for this site has been mining.
- 11) Centurion requests that all of the existing buildings, service lines, and related equipment remain in place at the end of their mining and exploration activities at the Mammoth Mine. As stated, Centurion plans to utilize part of the surface complex as a base to conduct exploration and development of their surrounding mine properties in the Tintic area. Specific buildings that Centurion plans to use for its operations in Tintic are: 1) mine office building; 2) the two existing houses; 3) garage; 4) the old mine dry and shop complex; and 5) the electrical substation.
- 12) No topsoil is present on any sites that Centurion plans to disturb during any planned work in this area. If any topsoil is found, Centurion will stockpile it for future re-vegetation of the disturbed areas. Due to a lack of topsoil at this site, Centurion requests a variance regarding topsoil redistribution on areas projected to be disturbed. Centurion does agree to save and stockpile any topsoil encountered in its work in this area during exploration and development of this property. Centurion does not agree to import any soils for future re-vegetation on this property.

EXHIBIT B - Page 3

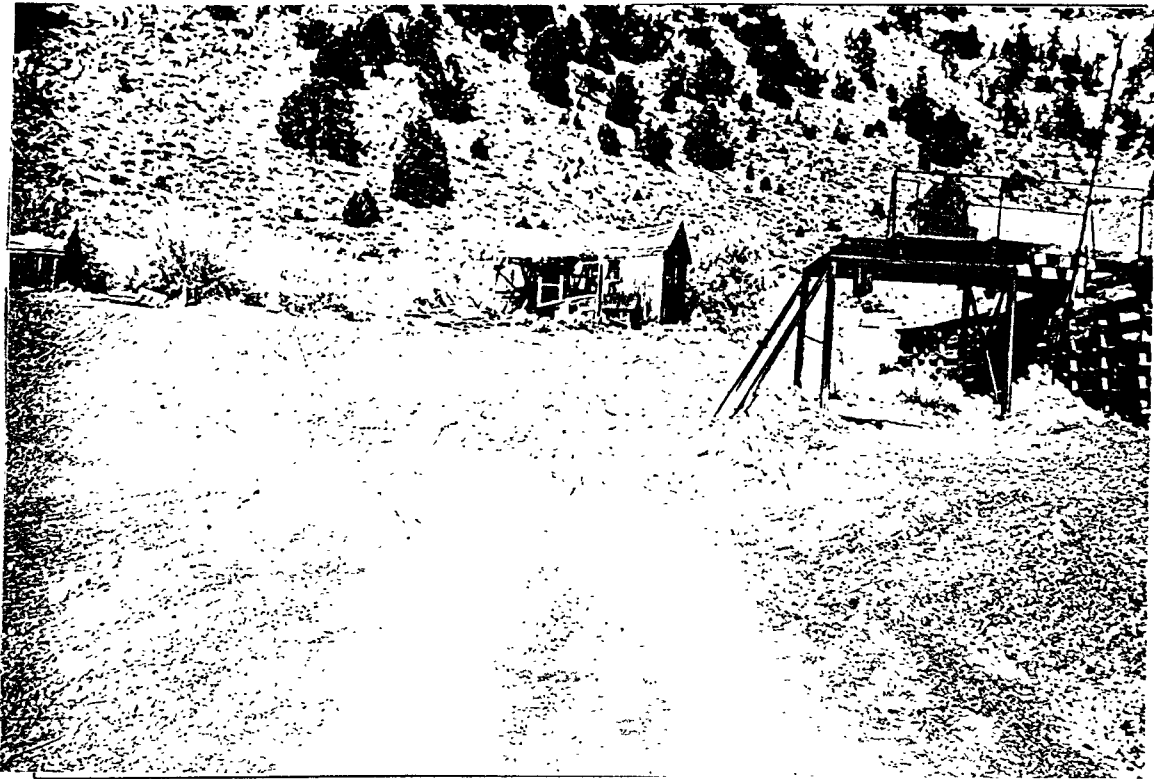
- 13) Centurion requests a variance from the 70% ground cover rule regarding re-vegetation. The proposed areas of surface disturbance were originally covered by old mine waste rock dumps, and these areas are now covered by material not suitable for producing plant growth to meet the 70% re-vegetation standards. Centurion will re-grade and distribute an approved seed mix over the areas we have disturbed in an attempt to re-establish some ground cover on the disturbed zones. The areas where we are requesting a variance from the ground cover re-vegetation rule are the areas for the surge pile, the ore-stockpile, the crusher, and mine supply storage area.



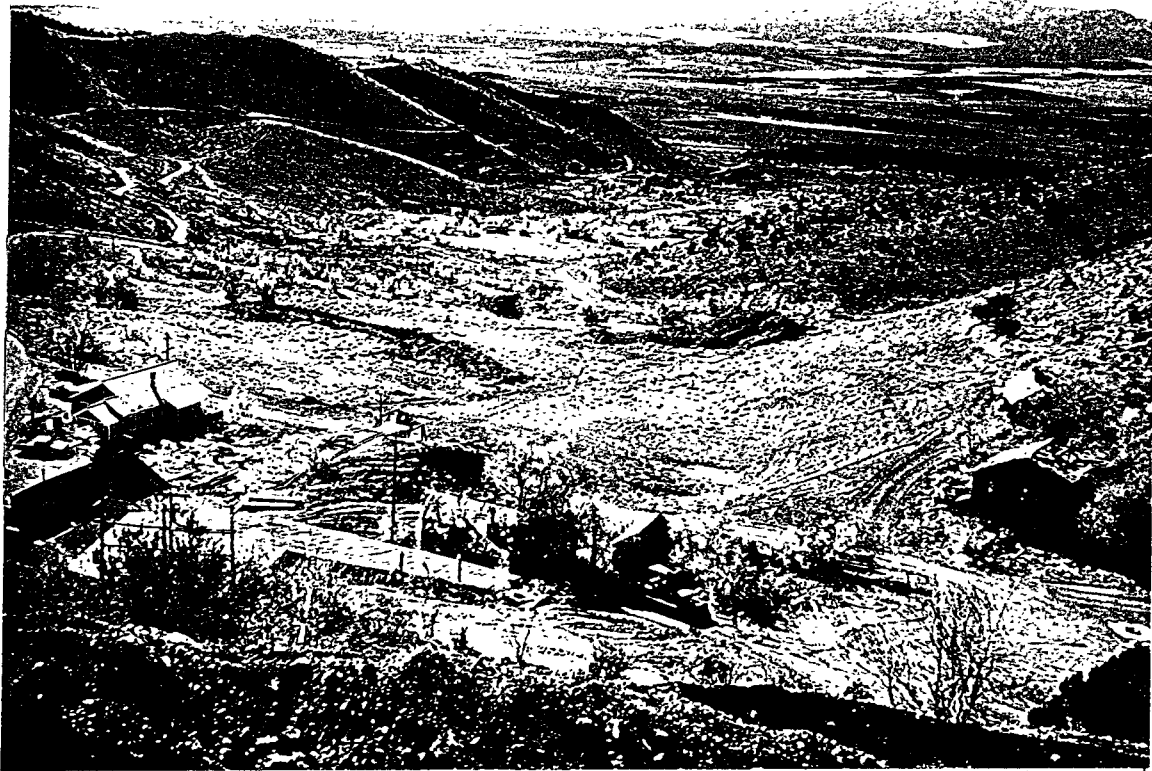
Mammoth Mine Surface Plant, looking southwest across mine complex, October 1994



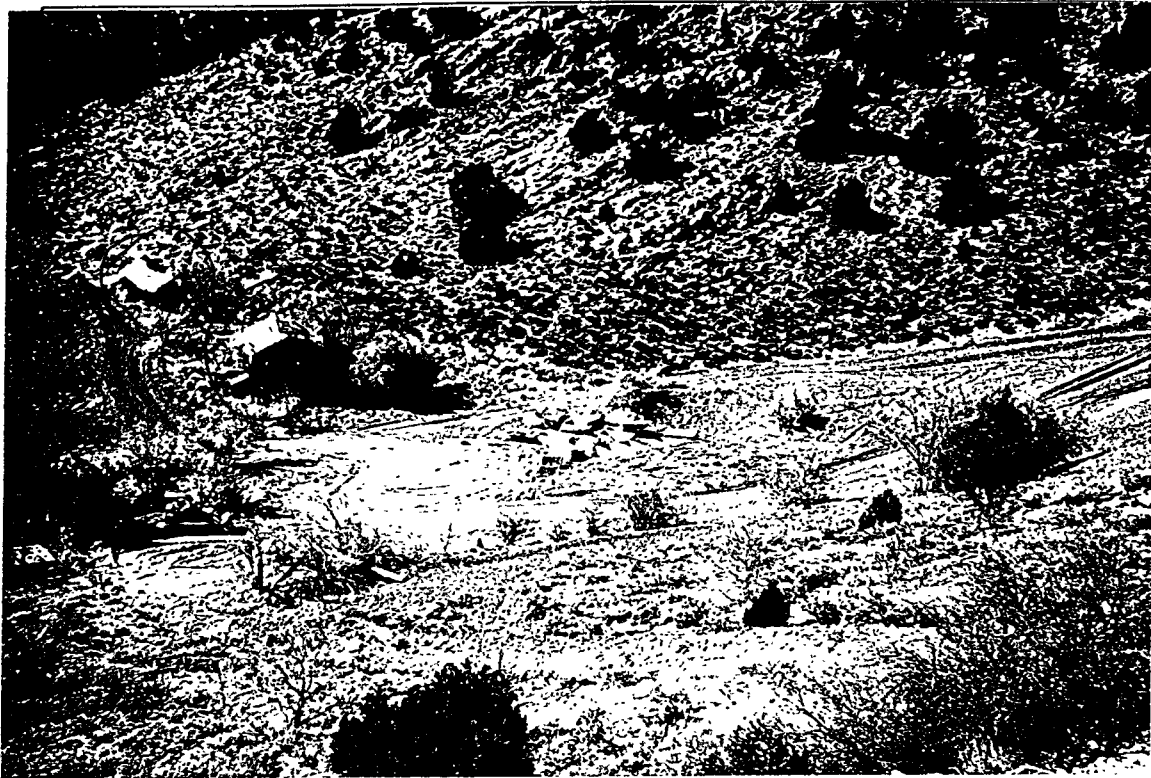
Mammoth Mine Surface Plant looking west; 1) foreground: shop - dry complex; 2) left foreground: compressor building; 3) left center: mine office; 4) center: car dumper, October 1994



Mammoth Mine Surface Plant, October 1994
Looking north on access road; right side of photo: car dumping stand
center of photo: old timber framing shed



Mammoth Mine Surface Plant looking west, October 1994

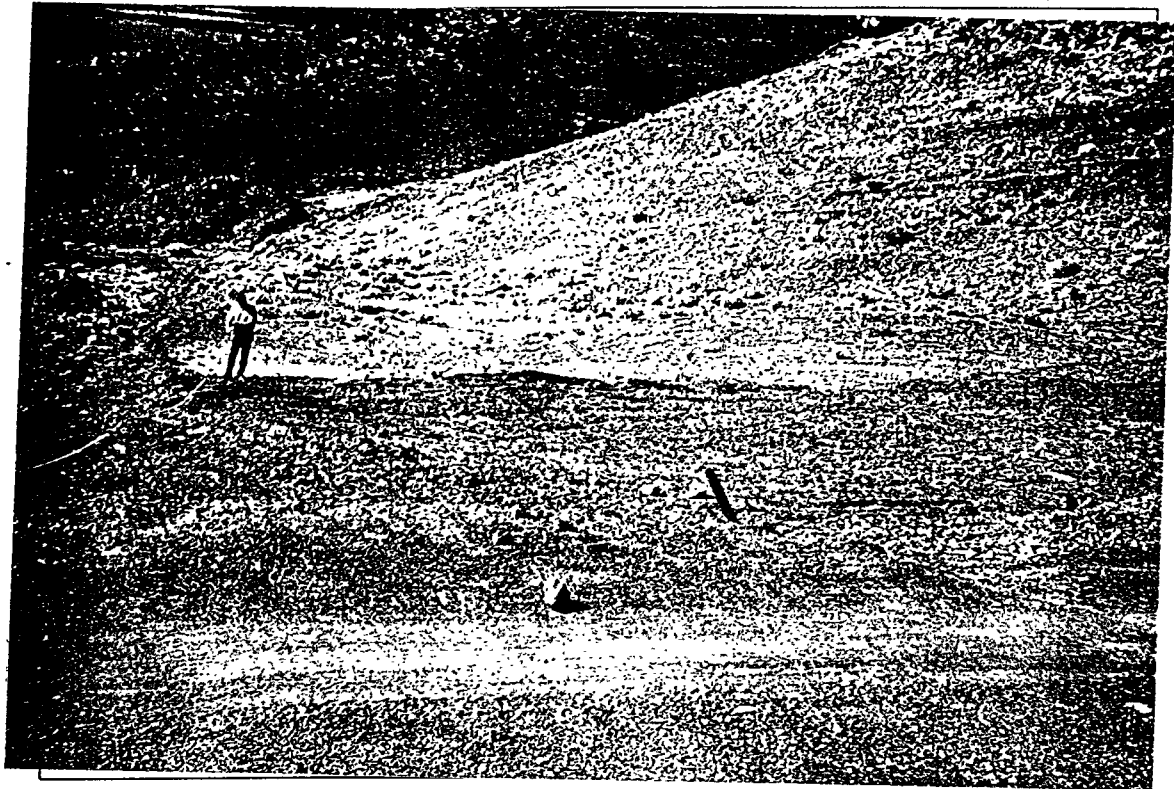


Mammoth Mine Surface Plant looking west, October 1994

- 1) Far building: old mule barn; 2) near building - timber framing shed;
- 3) Note: area of cement boxes will be storage area for the mine, i.e. timber, etc.



Mammoth Mine Surface Plant, October 1994
Looking north across area of proposed mine run surge pile



Mammoth Mine Surface Plant, October 1994
Looking west across proposed surge pile stacking area



Mammoth Mine Surface Plant, October 1994
Looking southeast across proposed ore stockpiling area and proposed area where
crusher will be located

Centurion Mines Corporation — Mammoth Mine Permit Photos



Mammoth Mine Surface Plant, October 1994
Picture showing vegetation in area proposed for ore stacking